Hydric Soil Interpretations
Hydric Soils List

Covington County, Alabama

NOTE: All mapunits are displayed regardless of hydric status and are listed in alpha-numeric order by mapunit symbol. The "Hydric Soils Criteria" columns indicate the conditions that caused the mapunit component to be classified as "Hydric" or "Non-Hydric". These criteria are defined in "Hydric Soils of the United States" (USDA Miscellaneous Publication No. 1491, June, 1991). See the "Criteria for Hydric Soils" endnote to determine the meaning of these columns. Spot symbols are footnoted at the end of the table.

Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria			
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
ArE:							
ARUNDEL LOAMY FINE SAND, 8 TO 25 PERCENT SLOPES	ARUNDEL	No	---	---	---	---	---
	Bibb	Yes	depression	2B3	YES	NO	NO
	Muckalee	Yes	---	2B3	YES	NO	NO
BgA:							
BIGBEE LOAMY SAND, 0 TO 5 PERCENT SLOPES, RARELY FLOODED	BIGBEE	No	---	---	---	---	---
BnB:							
BLANTON LOAMY FINE SAND, 0 TO 5 PERCENT SLOPES	BLANTON	No	---	---	---	---	---
BnC:							
BLANTON LOAMY FINE SAND, 5 TO 12 PERCENT SLOPES	BLANTON	No	---	---	---	---	---
	Bibb	Yes	depression	2B3	YES	NO	NO
	Muckalee	Yes	---	2B3	YES	NO	NO
BoB:							
BONIFAY LOAMY FINE SAND, 0 TO 5 PERCENT SLOPES	BONIFAY	No	---	---	---	---	---
BoC:							
BONIFAY LOAMY FINE SAND, 5 TO 10 PERCENT SLOPES	BONIFAY	No	---	---	---	---	---
	Bibb	Yes	depression	2B3	YES	NO	NO
	Muckalee	Yes	---	2B3	YES	NO	NO
CaA:							
CHRYSLER SANDY LOAM, 0 TO 2 PERCENT SLOPES, RARELY FLOODED	CHRYSLER	No	---	---	---	---	---
	Bethera	Yes	---	2B3	YES	NO	NO
	Bibb	Yes	depression	2B3	YES	NO	NO
CdB:							
COWARTS-DOTHAN COMPLEX, 2 TO 5 PERCENT SLOPES	COWARTS	No	---	---	---	---	---
	DOTHAN	No	---	---	---	---	---

Hydric Soils List (cont.)

Covington County, Alabama

Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria			
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
CdC:							
COWARTS-DOTHAN COMPLEX, 5 TO 10 PERCENT SLOPES	COWARTS	No	---	---	---	---	---
	DOTHAN	No	---	---	---	---	---
	Bibb	Yes	depression	2B3	YES	NO	NO
	Muckalee	Yes	---	2B3	YES	NO	NO
CuC:							
COWARTS-URBAN LAND COMPLEX, 2 TO 8 PERCENT SLOPES	COWARTS	No	---	---	---	---	---
	URBAN LAND	No	---	---	---	---	---
	Bibb	Yes	depression	2B3	YES	NO	NO
	Muckalee	Yes	---	2B3	YES	NO	NO
DaA:							
DOROVAN MUCK, 0 TO 1 PERCENT SLOPES	DOROVAN	Yes	---	1,3	NO	NO	YES
DmA:							
DOTHAN AND MALBIS SANDY LOAMS, 0 TO 1 PERCENT SLOPES	DOTHAN	No	---	---	---	---	---
	MALBIS	No	---	---	---	---	---
	Grady	Yes	---	2B3,3	YES	NO	YES
DmB:							
DOTHAN AND MALBIS SANDY LOAMS, 1 TO 5 PERCENT SLOPES	DOTHAN	No	---	---	---	---	---
	MALBIS	No	---	---	---	---	---
DuC:							
DOTHAN-URBAN LAND COMPLEX, 0 TO 8 PERCENT SLOPES	DOTHAN	No	---	---	---	---	---
	URBAN LAND	No	---	---	---	---	---
	Bibb	Yes	depression	2B3	YES	NO	NO
	Muckalee	Yes	---	2B3	YES	NO	NO
EsC:							
ESTO SANDY LOAM, 2 TO 8 PERCENT SLOPES	ESTO	No	---	---	---	---	---
	Bibb	Yes	depression	2B3	YES	NO	NO
	Muckalee	Yes	---	2B3	YES	NO	NO
EuA:							
EUNOLA LOAMY FINE SAND, 0 TO 2 PERCENT SLOPES, RARELY FLOODED	EUNOLA	No	---	---	---	---	---
	Bibb	Yes	depression	2B3	YES	NO	NO
	Muckalee	Yes	---	2B3	YES	NO	NO
FoA:							
FLORALA SANDY LOAM, 0 TO 3 PERCENT SLOPES	FLORALA	No	---	---	---	---	---
	Bibb	Yes	depression	2B3	YES	NO	NO
	Muckalee	Yes	---	2B3	YES	NO	NO
FuB:							
FUQUAY LOAMY FINE SAND, 0 TO 5 PERCENT SLOPES	FUQUAY	No	---	---	---	---	---

Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria			
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
GrA:							
GRADY SANDY LOAM, 0 TO 2 PERCENT SLOPES, PONDED	GRADY	Yes	---	2B3,3	YES	NO	YES
IbA:							
IUKA-BIBB SANDY LOAMS, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED	IUKA	No	---	---	---	---	---
	BIBB	Yes	depression	2B3	YES	NO	NO
KaA:							
KALMIA LOAMY FINE SAND, 0 TO 2 PERCENT SLOPES, RARELY FLOODED	KALMIA	No	---	---	---	---	---
	Bethera	Yes	---	2B3	YES	NO	NO
	Bibb	Yes	depression	2B3	YES	NO	NO
LuB:							
LUCY LOAMY SAND, 0 TO 5 PERCENT SLOPES	LUCY	No	---	---	---	---	---
LyA:							
LYNCHBURG SANDY LOAM, 0 TO 2 PERCENT SLOPES	LYNCHBURG	No	---	---	---	---	---
	Bethera	Yes	---	2B3	YES	NO	NO
	Muckalee	Yes	---	2B3	YES	NO	NO
MaA:							
MAXTON SANDY LOAM, 0 TO 2 PERCENT SLOPES, RARELY FLOODED	MAXTON	No	---	---	---	---	---
	Bethera	Yes	---	2B3	YES	NO	NO
	Muckalee	Yes	---	2B3	YES	NO	NO
MBA:							
MUCKALEE, BIBB, AND OSIER SOILS, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED	MUCKALEE	Yes	---	2B3	YES	NO	NO
	BIBB	Yes	---	2B3	YES	NO	NO
	OSIER	Yes	---	2B2	YES	NO	NO
OrA:							
ORANGEBURG SANDY LOAM, 0 TO 1 PERCENT SLOPE	ORANGEBURG	No	---	---	---	---	---
	Grady	Yes	---	2B3,3	YES	NO	YES
OrB:							
ORANGEBURG SANDY LOAM, 1 TO 5 PERCENT SLOPES	ORANGEBURG	No	---	---	---	---	---
	Grady	Yes	---	2B3,3	YES	NO	YES
OrC:							
ORANGEBURG SANDY LOAM, 5 TO 8 PERCENT SLOPES	ORANGEBURG	No	---	---	---	---	---
	Bibb	Yes	depression	2B3	YES	NO	NO
	Muckalee	Yes	---	2B3	YES	NO	NO
OrE:							
ORANGEBURG SANDY LOAM, 8 TO 20 PERCENT SLOPES	ORANGEBURG	No	---	---	---	---	---
	Bibb	Yes	depression	2B3	YES	NO	NO
	Muckalee	Yes	---	2B3	YES	NO	NO

Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria			
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
OuC:							
ORANGEBURG-URBAN LAND COMPLEX, 0 TO 8 PERCENT SLOPES	ORANGEBURG	No	---	---	---	---	---
	URBAN LAND	No	---	---	---	---	---
	Bibb	Yes	depression	2B3	YES	NO	NO
	Muckalee	Yes	---	2B3	YES	NO	NO
PIT:							
PITS, NEARLY LEVEL	PITS	Unranked	---	---	---	---	---
RaA:							
RAINS SANDY LOAM, 0 TO 2 PERCENT SLOPES	RAINS	Yes	---	2B3	YES	NO	NO
RbA:							
RAINS-BETHERA COMPLEX, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED	RAINS	Yes	---	2B3	YES	NO	NO
	BETHERA	Yes	---	2B3	YES	NO	NO
RdB:							
RED BAY SANDY LOAM, 1 TO 5 PERCENT SLOPES	RED BAY	No	---	---	---	---	---
	Grady	Yes	---	2B3,3	YES	NO	YES
SmE:							
SMITHDALE SANDY LOAM, 15 TO 35 PERCENT SLOPES	SMITHDALE	No	---	---	---	---	---
	Bibb	Yes	depression	2B3	YES	NO	NO
	Muckalee	Yes	---	2B3	YES	NO	NO
TrB:							
TROUP LOAMY SAND, 0 TO 5 PERCENT SLOPES	TROUP	No	---	---	---	---	---
TrD:							
TROUP LOAMY SAND, 5 TO 15 PERCENT SLOPES	TROUP	No	---	---	---	---	---
	Bibb	Yes	depression	2B3	YES	NO	NO
	Muckalee	Yes	---	2B3	YES	NO	NO
TUE:							
TROUP-LUVERNE ASSOCIATION, 15 TO 45 PERCENT SLOPES	TROUP	No	---	---	---	---	---
	LUVERNE	No	---	---	---	---	---
	Bibb	Yes	depression	2B3	YES	NO	NO
	Muckalee	Yes	---	2B3	YES	NO	NO

FOOTNOTES:

There may be small areas of included soils or miscellaneous areas that are significant to use and management of the soil; yet are too small to delineate on the soil map at the map's original scale. These may be designated as spot symbols and are defined in the published Soil Survey Report or the USDA-NRCS Technical Guide, Part II.

Areas mapped as water or any map unit that contains one of the following conventional symbols is considered a hydric soil map unit: marshes or swamps; wet spots; depressions; streams, lakes and ponds.

Hydric Criteria Codes:

Code 1 = All Histosols except Folists.

Code 2A = Soils in Aquic suborder, Aquic subgroup, Albolls suborder, Salorthids great group, Pell great groups of Vertisols, Pachic subgroups, or Cumulic subgroups that are somewhat poorly drained and have a frequently occurring water table less than 0.5 feet from the surface for a significant period (usually 14 consecutive days or more) during the growing season.

Code 2B1 = Soils in Aquic suborder, Aquic subgroup, Albolls suborder, Salorthids great group, Pell great groups of Vertisols, Pachic subgroups, or Cumulic subgroups that are poorly drained or very poorly drained and have a frequently occurring water table less than 0.5 feet from the surface for a significant period (usually 14 consecutive days or more) during the growing season if textures are coarse sand, sand or fine sand in all layers within 20 inches.

Code 2B2 = Soils in Aquic suborder, Aquic subgroup, Albolls suborder, Salorthids great group, Pell great groups of Vertisols, Pachic subgroups, or Cumulic subgroups that are poorly drained or very poorly drained and have a water table that frequently occurs at less than 1.0 feet from the surface for a significant period (usually 14 consecutive days or more) during the growing season if permeability is equal to or greater than 6.0 inches/hr in all layers within 20 inches.

Code 2B3 = Soils in Aquic suborder, Aquic subgroup, Albolls suborder, Salorthids great group, Pell great groups of Vertisols, Pachic subgroups, or Cumulic subgroups that are poorly drained or very poorly drained and have a water table that frequently occurs at less than 1.5 feet from the surface for a significant period (usually 14 consecutive days or more) during the growing season if permeability is less than 6.0 inches/hr in any layer within 20 inches.

Code 3 = Soils that are frequently ponded for long or very long duration during the growing season.

Code 4 = Soils that are frequently flooded for long or very long duration during the growing season.